Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 13 May 2023 until 23:59 on Sunday 14 May 2023

Forecast Issued on Saturday 13 May 2023 at 01:18

Confidence: High for largely settled but cloudy conditions this weekend. Lower for extent of low cloud, and for the timings of rain or showers Monday.

Headline for Saturday 13 May 2023: Low cloud and hill fog clearing to prolonged periods of strong sunshine.

Mountain weather hazards on Saturday 13 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Sunny	Sunny	Sunny	Partly cloudy (night)
Precipitation probability					
10%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 13 May 2023

Weather: A widely overcast and murky start, with a mix of hill fog, mist and perhaps some patchy drizzle over eastern hills. Cloud will gradually thin and lift during the morning, clearing from the west to leave a fine afternoon with prolonged spells of sunshine. Low cloud will return overnight, steadily building from the east.

Chance of cloud-free hill tops above 600m: 10% increasing by the afternoon to 80%. Lowering to 60% by midnight from the east.

Low cloud and visibility: Extensive low cloud, bases around 100-300m, likely from lowest slopes in the east at first. Cloud will gradually lift and clear by the afternoon leaving western areas almost cloud free. Cloud may intermittently shroud highest slopes, particularly across the east of the Park. Visibility poor or very poor beneath cloud in mist and patchy drizzle, becoming very good as cloud clears.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Saturday 13 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 NE	12/17 NE	8/13 NE	6/9 NE	6/8 NE	8/11 SE	4/7 SW
300	8/13 NE	9/13 NE	7/11 NE	4/8 NE	5/8 NE	5/8 E	5/6 S
Valley	3/10 NE	6/11 NE	6/10 E	3/7 NE	4/8 NE	5/11 E	2/5 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	6/3	10/8	12/11	12/11	10/8	9/8
300	7/4	9/7	13/12	15/15	15/14	12/11	10/9
Valley	8/7	11/10	15/14	17/16	16/16	12/11	9/8
Freezing Level*	1700m	1800m	1800m	1800m	1800m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Widespread poor visibility will make for challenging navigation conditions in the morning and on higher routes in the east at times during the afternoon. Wind chill possible in the early hours at height. Risk of high UV levels in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 13 May 2023	0mm	15.4mm	28.2mm

Forecast for Sunday 14 May 2023

Weather: A dull start with widespread low cloud, hill fog and patches of mist. This will clear readily to leave a largely fine day across the Peaks. High cloud will build from the west during the afternoon, turning sunshine increasingly hazy. Chance of a few isolated showers in the evening before a more sustained period of rain arrives overnight.

Maximum wind: West to northwest 15-20mph.

Chance of cloud-free hill tops above 600m: 20% in the east and 40% in the west initially. Soon improving to above 90%. Lowering from the northwest to 70% towards midnight.

Low cloud and visibility: Extensive low cloud, bases around 200m, perhaps from lowest slopes in the east at first. Cloud will lift and clear by mid-morning to above summits. Cloud may lower to around 400m across western Peaks late on. Visibility poor beneath cloud in early mist, becoming very good. Moderate in any evening showers to poor in late rain.

Temperature: **Valleys:** Plus 8 Celsius rising to Plus 18 Celsius
At 600m: Plus 8 Celsius rising to Plus 15 Celsius.
Freezing level: Well above summits.

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